

Name _____ Date _____



Activity Sheet

How to Positively Affect Species and Their Habitat

Choose one of the following federally or state listed species occurring in riparian corridors of Point Reyes National Seashore to answer the questions below:

- | | |
|---|---|
| <input type="checkbox"/> Pacific lamprey | special concern (federal) |
| <input type="checkbox"/> Tidewater goby | endangered (federal) |
| <input type="checkbox"/> Unarmored threespine stickleback | endangered (federal and state) |
| <input type="checkbox"/> California red-legged frog | threatened (federal) |
| <input type="checkbox"/> Alameda striped racer | special concern (federal)
threatened (state) |
| <input type="checkbox"/> San Francisco forktail damselfly | special concern (federal) |
| <input type="checkbox"/> San Francisco lacewing | special concern (federal) |

INVESTIGATION

1. How have population numbers of this particular species changed over time?
2. What are the threats to this species as an individual?
3. What are specific threats to the riparian habitat for this species?
4. Does this species depend on other types of habitat?
5. What is the federal government doing to increase population numbers?
6. Why should we care about preserving this species?



How to Positively Affect Species and Their Habitat

(continued)

Activity Sheet

PROBLEM SOLVING

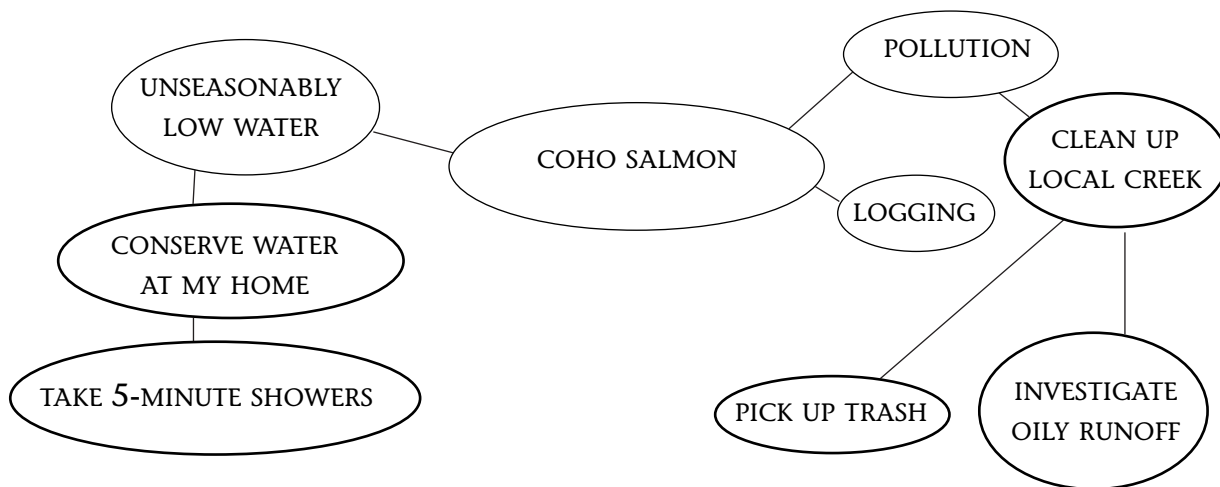
Using a blank piece of paper, you will create a “mind-map”.

Begin by writing the name of your species in the center of the paper and drawing a circle around it. Choose some of the threats to its survival and write those around the species name. Draw circles around each of the threats and connecting lines to the circle in the center. You should have something that looks like this:



Begin problem solving by thinking about actions that lessen the impact of specific threats. Write those actions in circles connected to the threat it seeks to solve.

Example:



RESOLUTION

Review your mind-map to determine what type of actions YOU can take that will positively affect these species and/or their habitat.

Place “*” next to actions you are already doing,

Place a “1” next to actions individuals can do,

Place a “2” next to actions groups can do, and

Place a “?” next to things you believe are not within your control.

➡ Select an option and implement your plan.